10-24-05

EF238496531US PTO/SB/21 (04-04)

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Application Number 10/807,851 TRANSMITTAL Filing Date March 24, 2004 **FORM** First Named Inventor Yi Jiang et al. Art Unit 1621 (to be used for all correspondence after initial filing) **Examiner Name** Jafar F. Parsa Total Number of Pages in This Submission Attorney Docket Number 1856-32201 (9422.0-01)

| ENCLOSURES (check all that apply) | | | | | | |
|---|--|---|--|--|--|--|
| Fee Transmittal Form | ☐ Drawing(s) | After Allowance Communication | | | | |
| Fee Attached | ☐ Licensing-related Papers | to Group Appeal Communication to Board | | | | |
| ☐ Amendment/Reply | ☐ Petition | of Appeals and Interferences | | | | |
| ☐ After Final | Petition to Convert to a Provisional Application | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | | | | |
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| Response to Missing Parts/ Incomplete Application | | · | | | | |
| Response to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks | | | | | |
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| SIGNATUR | OF APPLICANT, ATTORNEY | , OR AGENT | | | | |
| Firm Or Beatrice Individual Name | C. Ortego – Reg. 54,350 | | | | | |
| Signature Bu | tue l'Olfo | | | | | |
| Date October 21, 2005 | | | | | | |
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| I hereby certify that this correspondenc Service with sufficient postage as first Alexandria, VA 22313-1450 on the date | is being facsimile transmitted to the USPTO c class mail in an envelope addressed to: Con shown below. | or deposited with the United States Postal numissioner for Patents, P. O. Box 1450, | | | | |
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October 21, 2005

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Effective on 12/08/04. Complete if Known s pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Application Number 10/807.851 FEE TRANSMITTAL March 24, 2004 Filing Date For FY 2005 First Named Inventor JIANG, Yi **Examiner Name** Jafar F. Parsa Art Unit 1621 Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$)180.00 Attorney Docket No. 1856-32201 (9422.0-01) METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify):_ Deposit Account Deposit Account Number:: 16-1575 Deposit Account Name: ConocoPhillips Company For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee M Charge any additional fee(s) or underpayments of fee(s) X Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES** SEARCH FEES **EXAMINATION FEES** Application Type Fee (\$) Small Entity Fee (\$) Small Entity Fee (\$) Small Entity Fees Paid (\$) <u>Fee (\$)</u> Fee (\$) Fee (\$) Utility 300 150 500 200 100 250 Design 200 100 100 50 130 65 200 100 300 Plant 150 160 80 Reissue 300 150 500 250 600 300 Provisional 200 100 0 2. EXCESS CLAIM FEES **Small Entity** Fee Description Fee (\$) Fee (\$) Each claim over 20 (including Reissues) 50 25 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 180 **Total Claims Multiple Dependent Claims Extra Claims** Fee Paid (\$) Fee (\$) - 20 or HP = Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20 Indep. Claims **Extra Claims** Fee Paid (\$) - 3 or HP = HP = highest number of independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). **Total Sheets** Number of each additional 50 or fraction thereof Fee (\$) **Extra Sheets** Fee Paid (\$) _____ / 50 = (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT \$180.00 SUBMITTED BY Registration No. Lature Signature 54,350 Telephone (281) 293-4751 (Attorney/Agent)

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Beatrice C. Ortego

Name (Print/Type)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Yi Jiang, et al.

Group Art Unit:

1621

Serial No.:

10/807,851

99999999 Examiner:

Jafar F. Parsa

Filed:

March 24, 2004

Atty. Dkt. No.:

1856-32201

For:

Process and Apparatus for

(9422.0-01)

Controlling Flow in a Multiphase Reactor

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Date: October 21, 2005

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement, including completed Forms PTO/SB/08a and PTO/SB/08b which substitute PTO-1449A and 1449B forms, comprises a list of pertinent art of which Applicants are aware. This information is supplemental to the Information Disclosure Statements and Forms PTO 1449 filed in the above-referenced case on April 8, 2004 and on March 28, 2005.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

10/25/2005 HLE333

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Respectfully submitted,

Beatrice C. Ortego - Reg. No. 54,350

ConocoPhillips Company 600 North Dairy Ashford Houston, TX 77079-1175

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AGENT FOR APPLICANTS





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| TAIL | ORMATION | DICA | | Application Number | 10/807.851 | | |
| | | | | Filing Date | March 24, 2004 | | |
| STA | FEMENT BY | ' API | PLICANT | First Named Inventor | Yi Jiang et al. | | |
| | | | | Group Art Unit | 1621 | | |
| (use as n | nany sheets as necesso | ary) | | Examiner Name | Jafar F. Parsa | | |
| Sheet | 1 | of | 3 | Attorney Docket Number | 1856-32201 (9422.0-01) | | |

| U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|--------------|---|--------------------------------|---|---|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | AA | US-5384336 | 01-24-1995 | Koros | | | | |
| | AB | US-6825237 | 11-30-2004 | Schweitzer et al. | | | | |
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| | | FO | REIGN PATENT DO | CUMENTS | | |
|-----------|------|--|-----------------------------|--|---|---|
| Examiner | Cite | Foreign Patent Document | | | | T |
| Initials* | No.1 | Country Code ³ Number ⁴⁻ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | AM | WO 99/00191 | 01-07-1999 | Maretto et al | | Г |
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| | | | | | | |

| Examiner | Date | |
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| Substitute for form 1449B/PTO | | | | Application Number | 10/807,851 | |
| INFORMATION DISCLOSURE | | | CLOSURE | Filing Date | March 24, 2004 | |
| STA | ATEMENT I | BY API | PLICANT | First Named Inventor Yi Jiang et al. | | |
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| | (ase as many on | ceis 110 110 | cessury) | Examiner Name | Jafar F. Parsa | |
| Sheet | 2 | of | 3 | Attorney Docket Number | 1856-32201 (9422.0-01) | |

| | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|--|----------------|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published. | T ² |
| | BA | MARETTO et al, "Design and Optimization of a Multi-Stage Bubble Column Slurry Reactor for Fischer-Tropsch Synthesis," <i>Catalysis Today</i> (March 30, 2001) Vol. 66, Issues 2-4, pp. 241-248 | |
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| Examiner | Dated | - |
|-----------|----------------|---|
| Signature | Considered | |

^{*}EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/08b (07-05)

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| Substitute for form 1449B/PTO | | Application Number | 10/807,851 | | | |
| INFORMATION DISCLOSURE | | Filing Date | March 24, 2004 | | | |
| ST. | ATEMENT BY | API | PLICANT | First Named Inventor Yi Jiang et al. | | |
| | (use as many sheets | as ne | ressarv) | Group Art Unit | 1621 | |
| | (was us many ancess | 113 710 | .c.su.yy | Examiner Name | Jafar F. Parsa | |
| Sheet | 3 | of | 3 | Attorney Docket Number | 1856-32201 (9422.0-01) | |

| | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published. | T ² |
| | BL | SIE et al, "Fundamentals and selection of advanced Fischer-Tropsch reactors", Applied Catalysis A: General (Oct. 4, 1999) Vol. 186, Issues 1-2, pp. 55-70 | |
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| Examiner | Dated | |
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| Signature | Considered | |

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